

5/8" NC x 2" GR 8 CAP SCREW
 5/8" NC GR C STOVER NUT
 AND 5/8" GR 8 WASHERS
 (4 PLACES) (NOT SUPPLIED)

M12 X 1.75 X 40 CLASS 10.9 CAP SCREW
 M12 DIN125A 200HV WASHERS
 (1/2 GR 8 WASHERS OK)
 (4 PLACES) (NOT SUPPLIED)

47" OUTSIDE FACES

1. REMOVE FACTORY BUMPER
2. REMOVE FACTORY FOG LAMPS AND KEEP FOR REINSTALLATION
3. ATTACH STEEL MOUNT BRACKETS TO TRUCK FRAME USING HARDWARE SHOWN.
4. ENSURE BRACKETS ARE:
 - LEVEL
 - SPACED TO THE DIMENSION INDICATED
 - SPACED SYMETRICALLY ABOUT TRUCK Q

**OPEN AND CLOSE HOOD CAREFULLY
 UNTIL FINAL FIT IS COMPLETE TO PREVENT
 DAMAGE TO TRUCK HOOD AND BUMPER**



PROCESS CODES	
A - MODIFY SURFACE FINISH	Q - PAINT OR COATING
B - BURN (FLAME)	R - ROLLED
C - CUT TO LENGTH	S - SHEAR
D - DRILL	T - TRIM
F - FORM	V - LAYOUT
H - HI DEF PLASMA	W - WATER CUT
K - CAST	X - EXTRUDE
L - LASER	Y - MODIFY
M - MACHINE	Z - HEAT TREAT
P - PUNCH	

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ARE:
 FRACTIONS ANGLES
 +/- 1/16" +/- 1deg
 DIMENSIONS TO SHARP POINTS

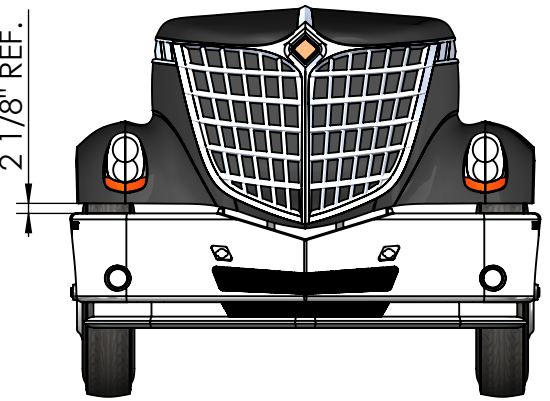
SHEET NAME Sheet1		TITLE 17108 BUMPER ON INTERNATIONAL LONESTAR 2009	
CURRENT CUSTOMER	STOCK NUMBER	VENDOR NUMBER	WEIGHT - LB.
WO#	DRAWN BY BS	DRAWN DATE 5/6/2010	REV.
SCALE 1:8	MODELLER BS	DRAWING NUMBER AA-22244	NUMBER OF SHEETS 1

SILICONE TOP OF BRACKET AND UP TO ARROW BOTH SIDES TYP (2)

SLIDE LAMP DOWNWARD INTO POSITION AND BOLT THRU

5/8" NC x 2" GR 8 CAP SCREW
5/8" NC GR C STOVER NUT
AND 5/8" GR 8 WASHERS
(4 PLACES PER SIDE) (SUPPLIED)

2 1/8" REF.



1. INSTALL FACTORY FOG LIGHTS INTO MAGNUM BUMPER
2. INSTALL MAGNUM BUMPER ON TRUCK USING HARDWARE SHOWN
3. CHECK THAT BUMPER IS CENTERED AND ADJUST BUMPER HEIGHT AS SHOWN.
4. CAREFULLY OPEN HOOD AND CHECK CLEARANCE. MINIMUM 3/8" CLEARANCE REQUIRED BETWEEN HOOD AND MAGNUM BUMPER.
5. ADJUST BUMPER POSITION AS REQUIRED. RE-CHECK CLEARANCES

OPEN AND CLOSE HOOD CAREFULLY UNTIL FINAL FIT IS COMPLETE TO PREVENT DAMAGE TO TRUCK HOOD AND BUMPER

MAGNUM TRAILER & EQUIPMENT INC.



PROCESS CODES

- | | |
|---------------------------|----------------------|
| A - MODIFY SURFACE FINISH | Q - PAINT OR COATING |
| B - BURN (FLAME) | R - ROLLED |
| C - CUT TO LENGTH | S - SHEAR |
| D - DRILL | T - TRIM |
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| L - LASER | Y - MODIFY |
| M - MACHINE | Z - HEAT TREAT |
| P - PUNCH | |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:

FRACTIONS +/- 1/16" ANGLES +/- 1deg

DIMENSIONS TO SHARP POINTS

SHEET NAME
BUMPER INSTALL

CURRENT CUSTOMER

WO#

SCALE 1:10

TITLE
17108 BUMPER ON INTERNATIONAL LONESTAR 2009

STOCK NUMBER VENDOR NUMBER WEIGHT - LB.

DRAWN BY BS DRAWN DATE 5/6/2010 REV.

MODELLER BS DRAWING NUMBER **AA-22244** NUMBER OF SHEETS 1